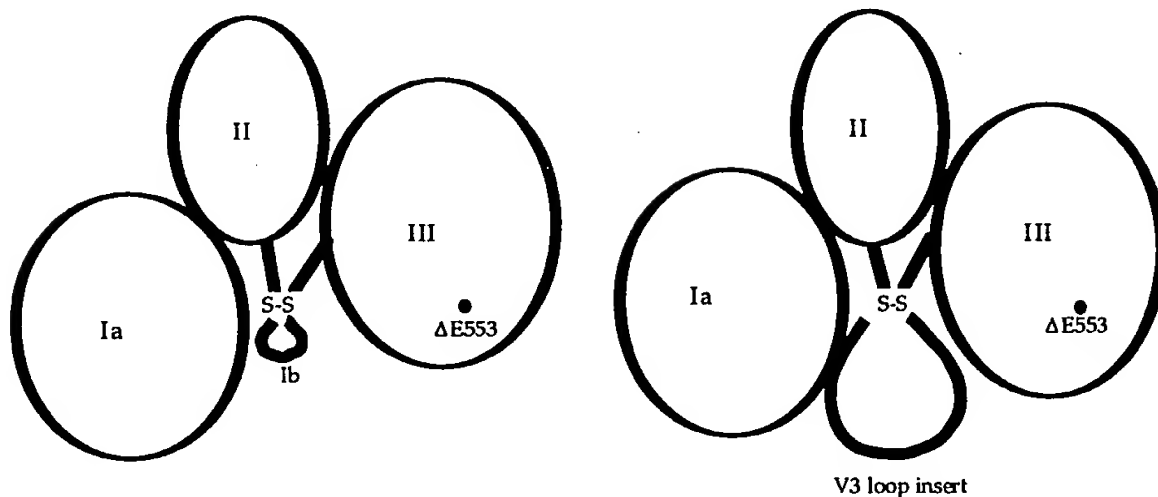


1/14

1 A Pseudomonas exotoxin

1 B V3-loop toxin chimera

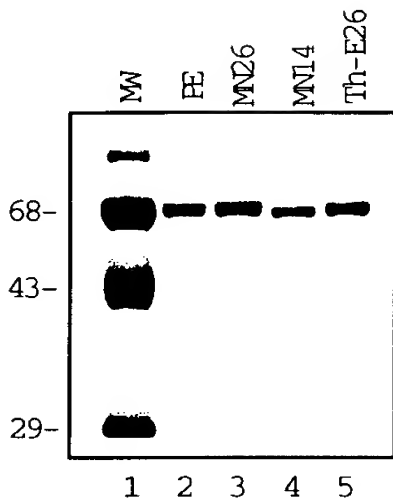


1 C

Protein	Ib Loop Region Amino Acid Sequence	Molecular Mass
wild-type PE	-GAANADVSLTCPVAAGECAGPAD-	67,122 Da
ntPE-V3MN14	-GAANLHCGIHIGPGRAFYTTKCMQGPAD-	67,729 Da
ntPE-V3MN26	-GAANLHCNYNKRKRIHIGPGRAFYT TKNIIGTICMQGPAD-	68,937 Da
ntPE-V3ThE26	-GAANLHCSNNTRTSITIGPGQVFYRT GDIIGDDICMQGPAD-	68,700 Da
ntPE-FP16	-GAANLQCRLEEKKGNVVTDHRLCLQGPAD-	67,862 Da

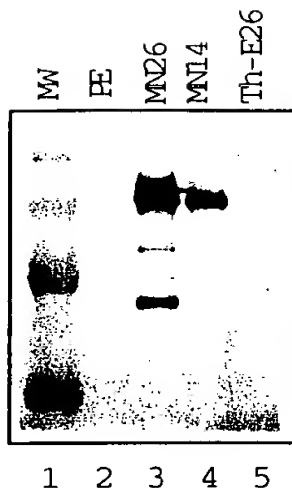
Figure 1.

2/14



SDS-PAGE

FIG. 2A.



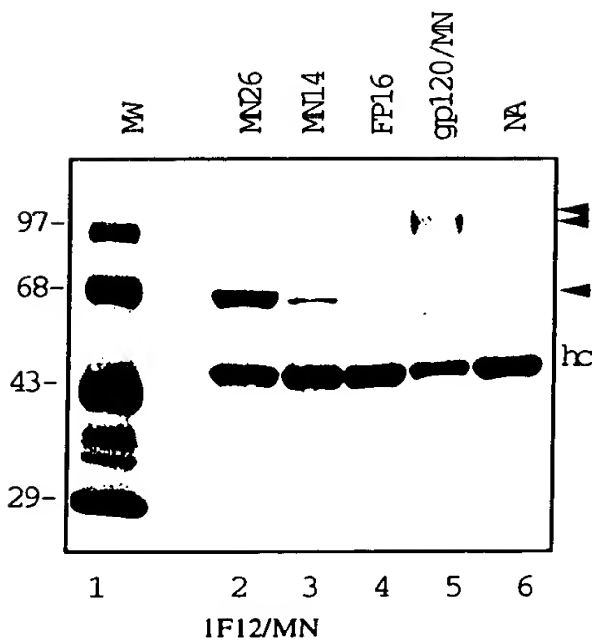
IF12/MN

Western blot Analysis

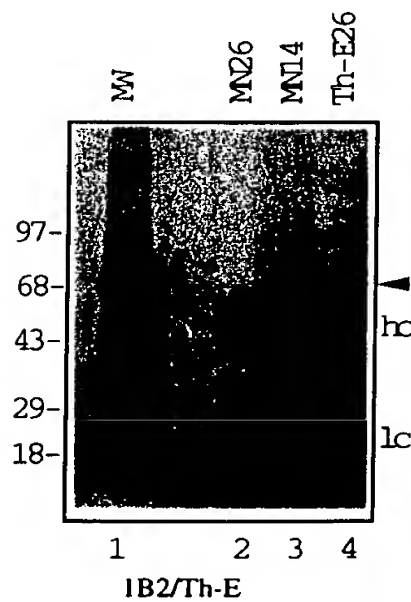
FIG. 2B.



IB2/Th-E



IF12/MN



IB2/Th-E

Antibody-mediated capture of proteins

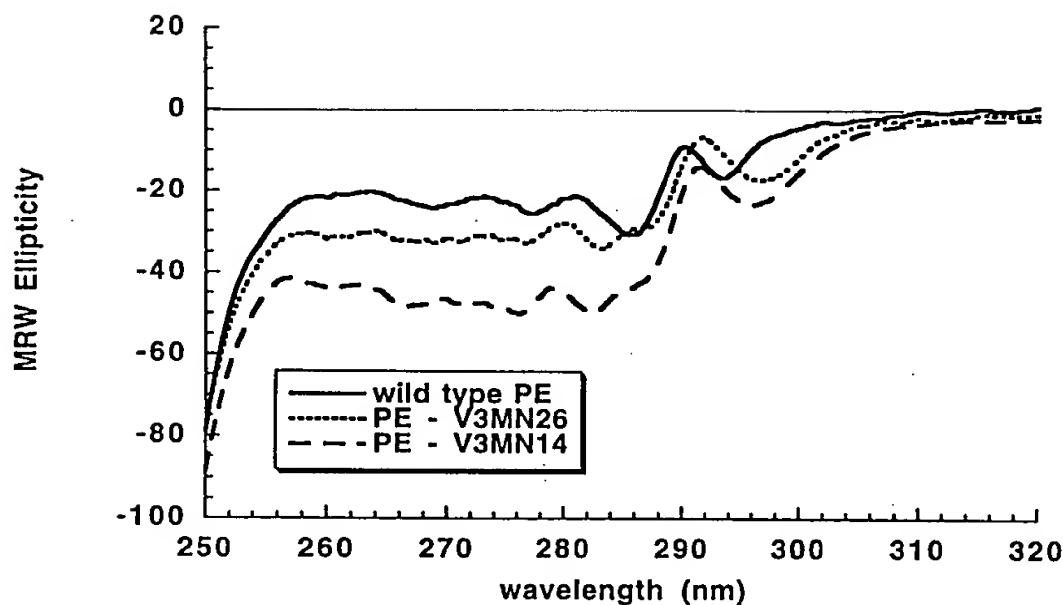
FIG. 2C.

SUBSTITUTE SHEET (RULE 26)

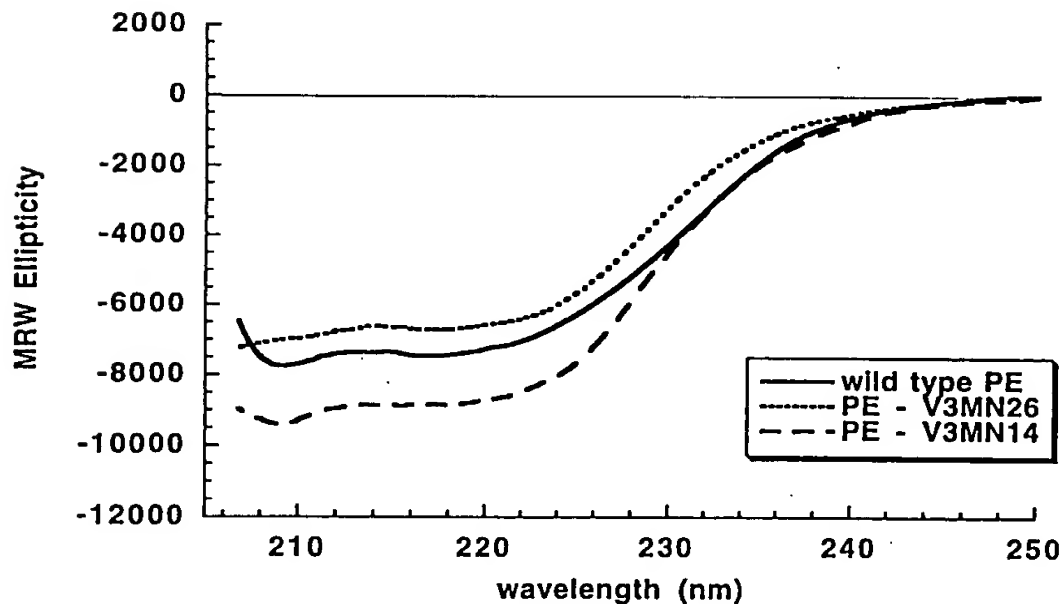
008240" 28929460

3/14

3A



3B



3C

Sample	% α -helix*	% β -sheet	% β -turns	% other
wild-type PE	21	48	12	20
ntPE-V3MN14	26	46	10	19
ntPE-V3MN26	18	50	12	20

Figure 3.
 SUBSTITUTE SHEET (RULE 26)

008240" 28929460

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

PCT/US 98/14341
 RO/US 23 SEP 1998
 09/462682

4/14

Cytotoxic activity for A431 Cells

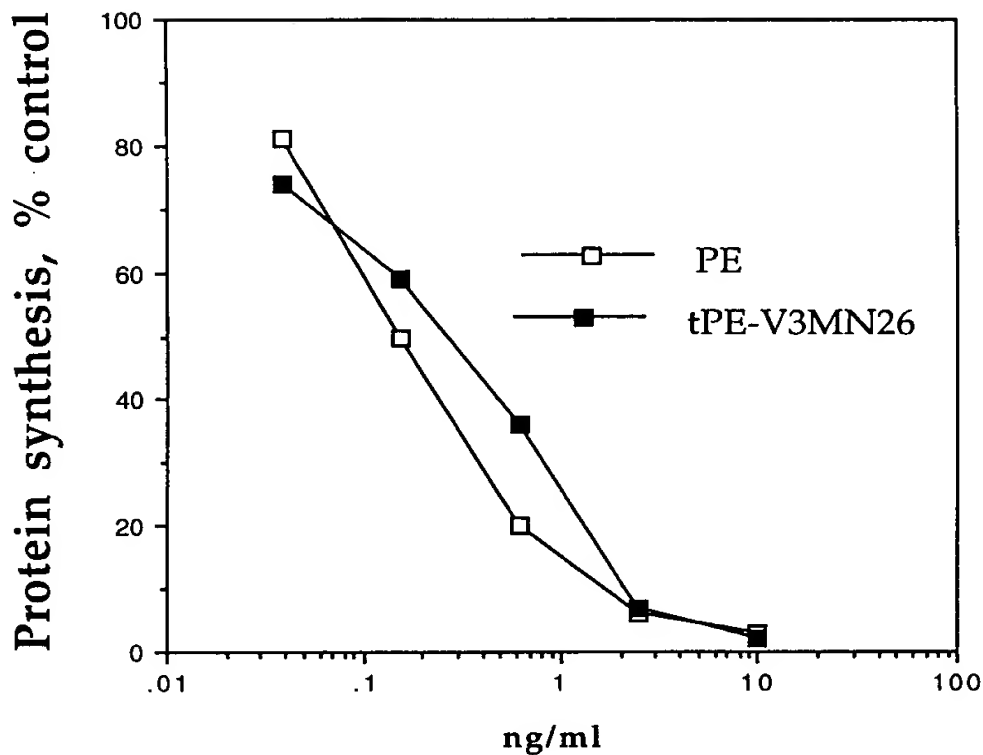


Figure 4.

008240" 28925460

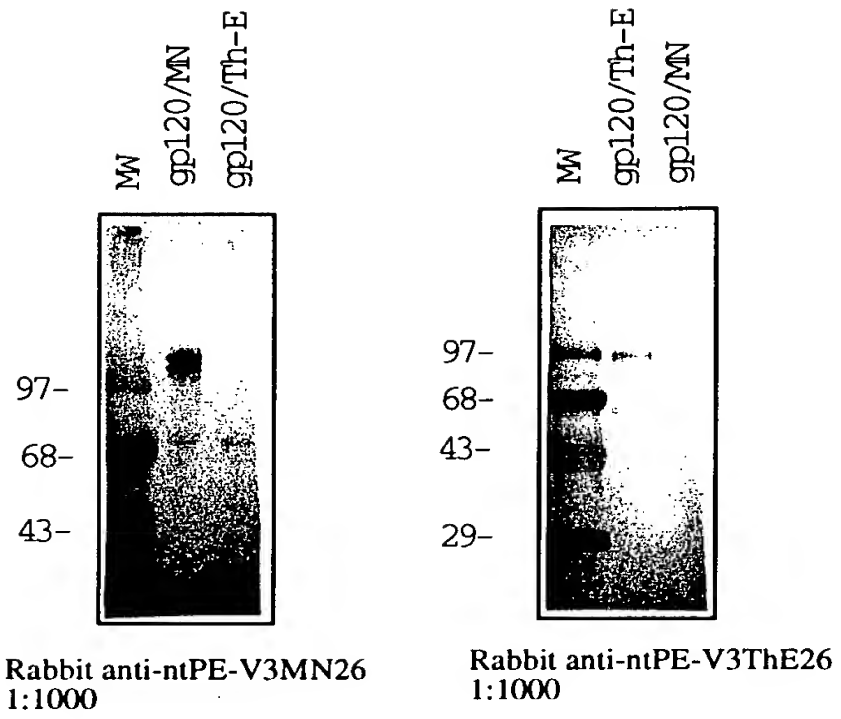


FIG. 5A.

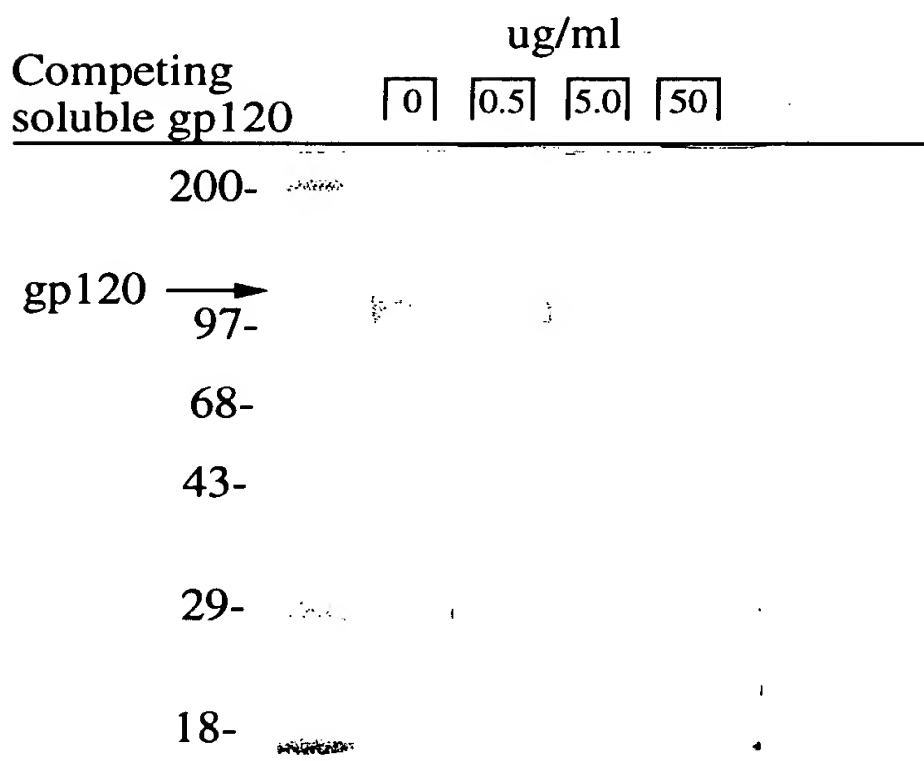


FIG. 5B.

008240 28923460 042800

6/14

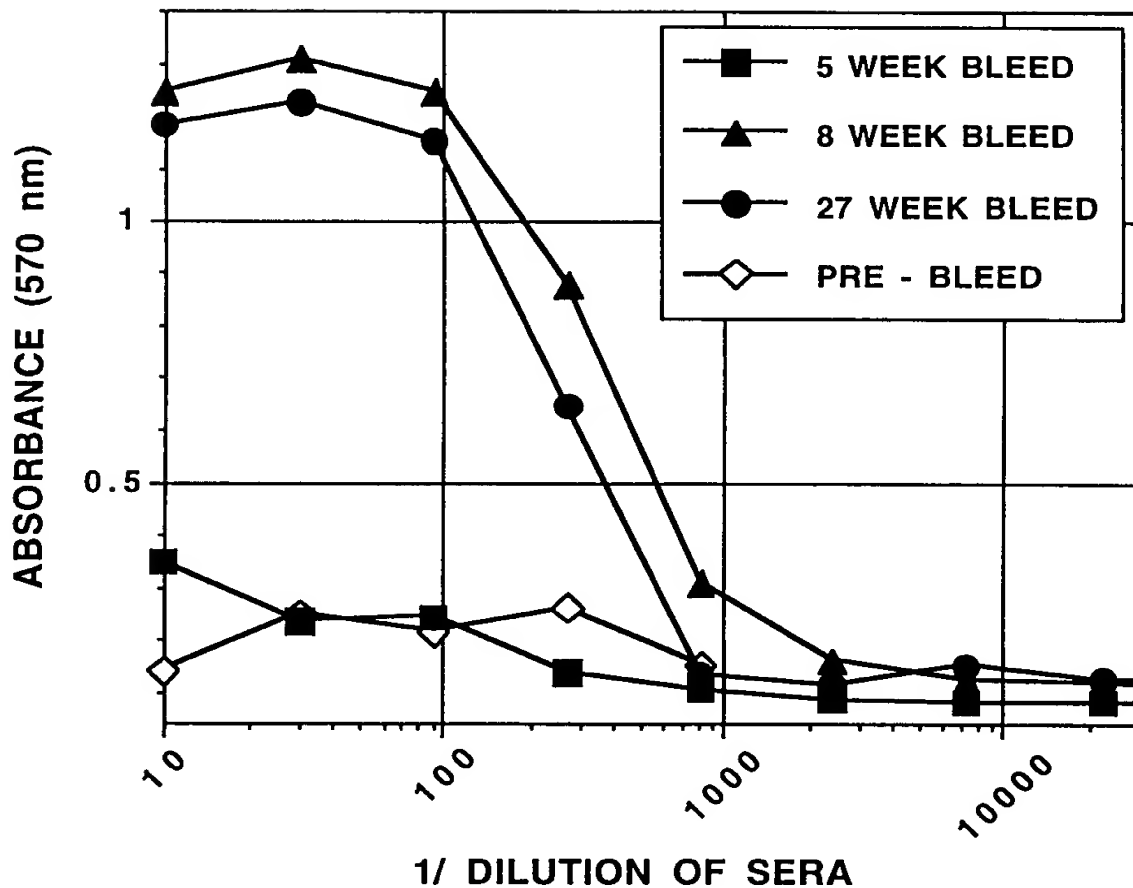


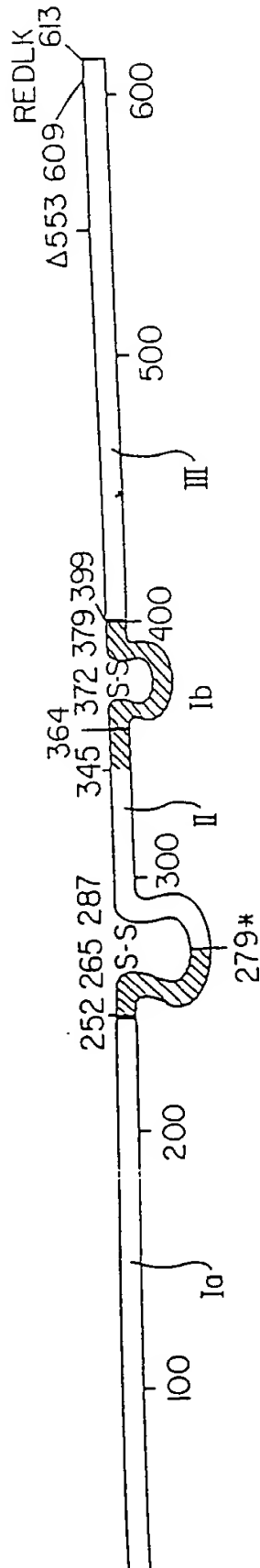
Figure 6.

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

PCT/US 98 / 14341
 RO/US 30 OCT 1998
 09/462682

7/14

003240" 28929460



* FURIN CLEAVAGE
 * SITE (279-280)

▨ = HATCHED AREA NOT ESSENTIAL
 FOR TRANSLOCATION

Figure 7.

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

PCT/US 98/14341
RO/US 23 SEP 1998
09/462682

8/14

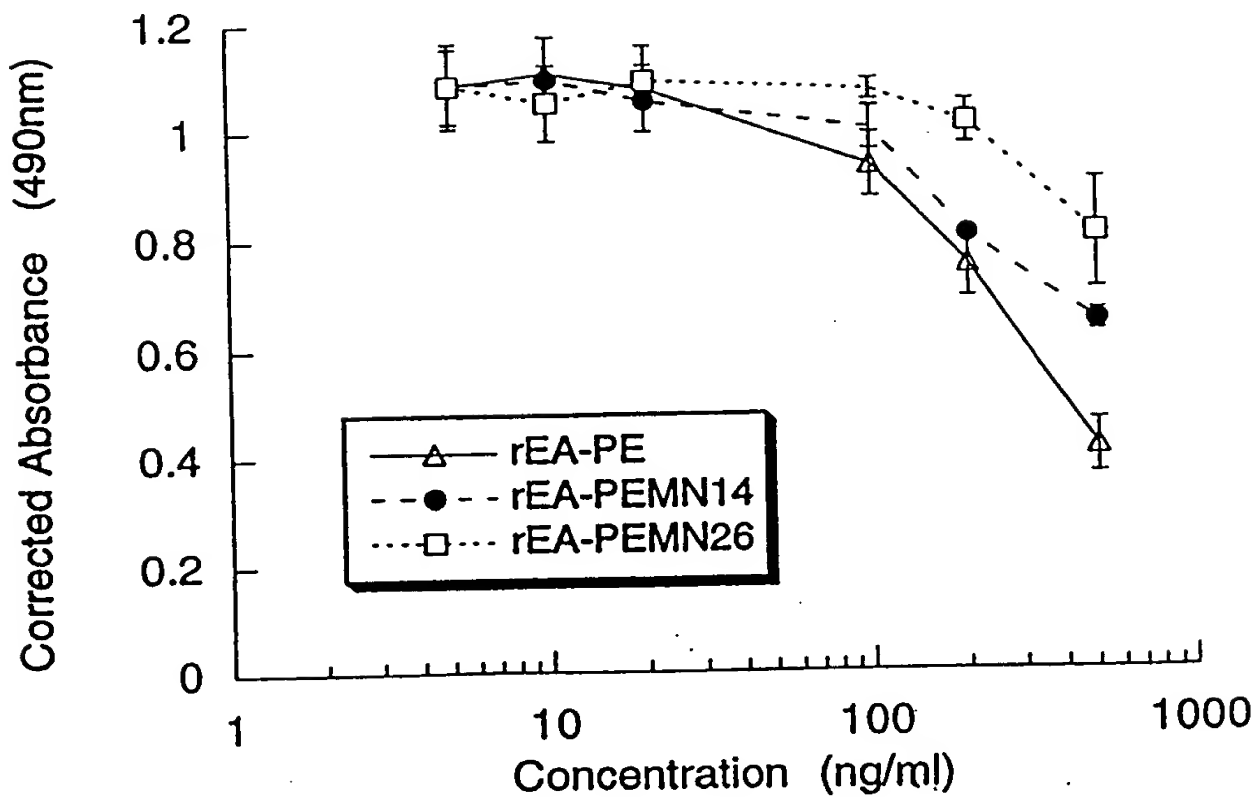


Figure 8.

9/14

008240" 28929460

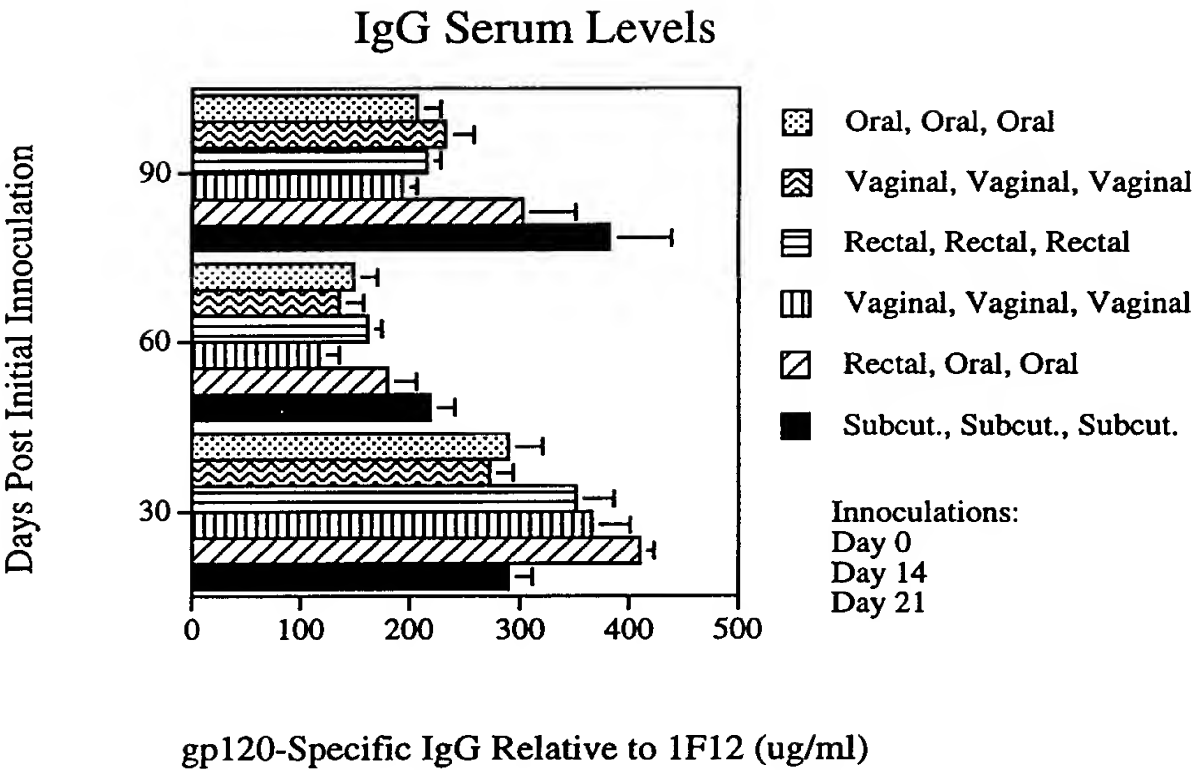


Figure 9.

APPROVED	D.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

PCT/US 98/14341
RO/US 23 SEP 1998
09/462682

10/14

008240" 28929460

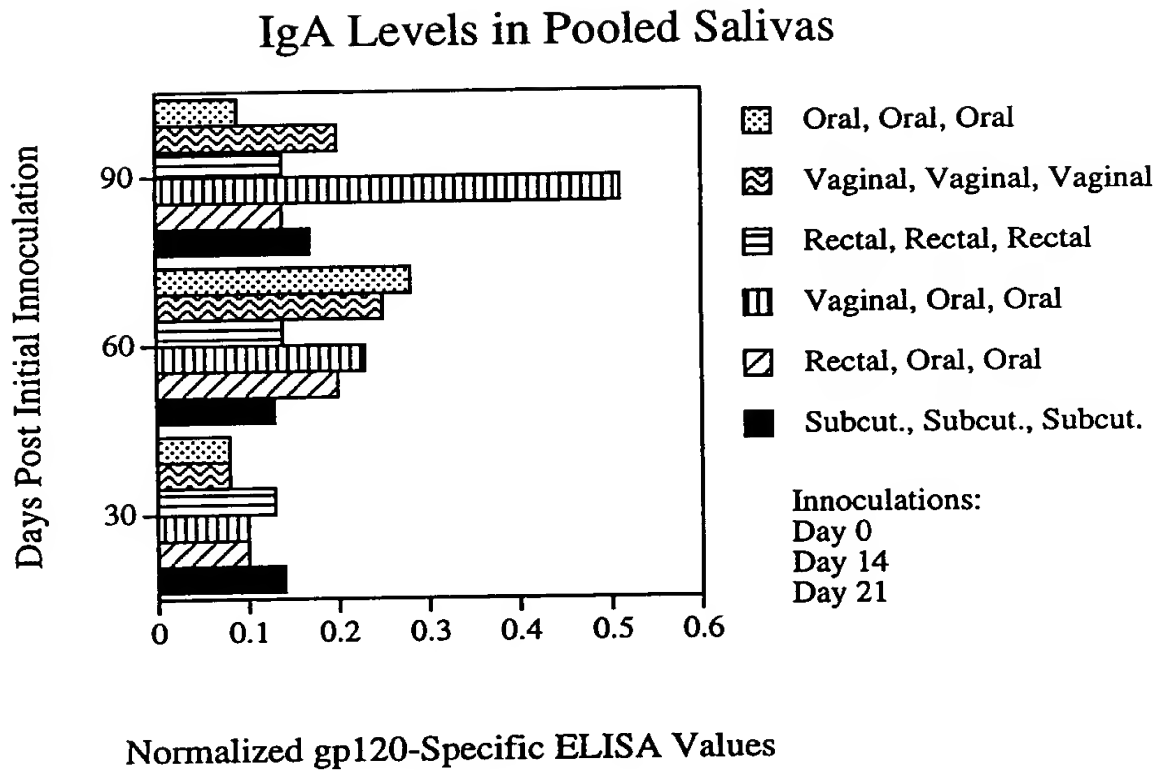


Figure 10.

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

CT/US 98/14341
RO/US 30 OCT 1998
09/462682

11/14

Salivary IgA Response Induced by ntPE-MN26

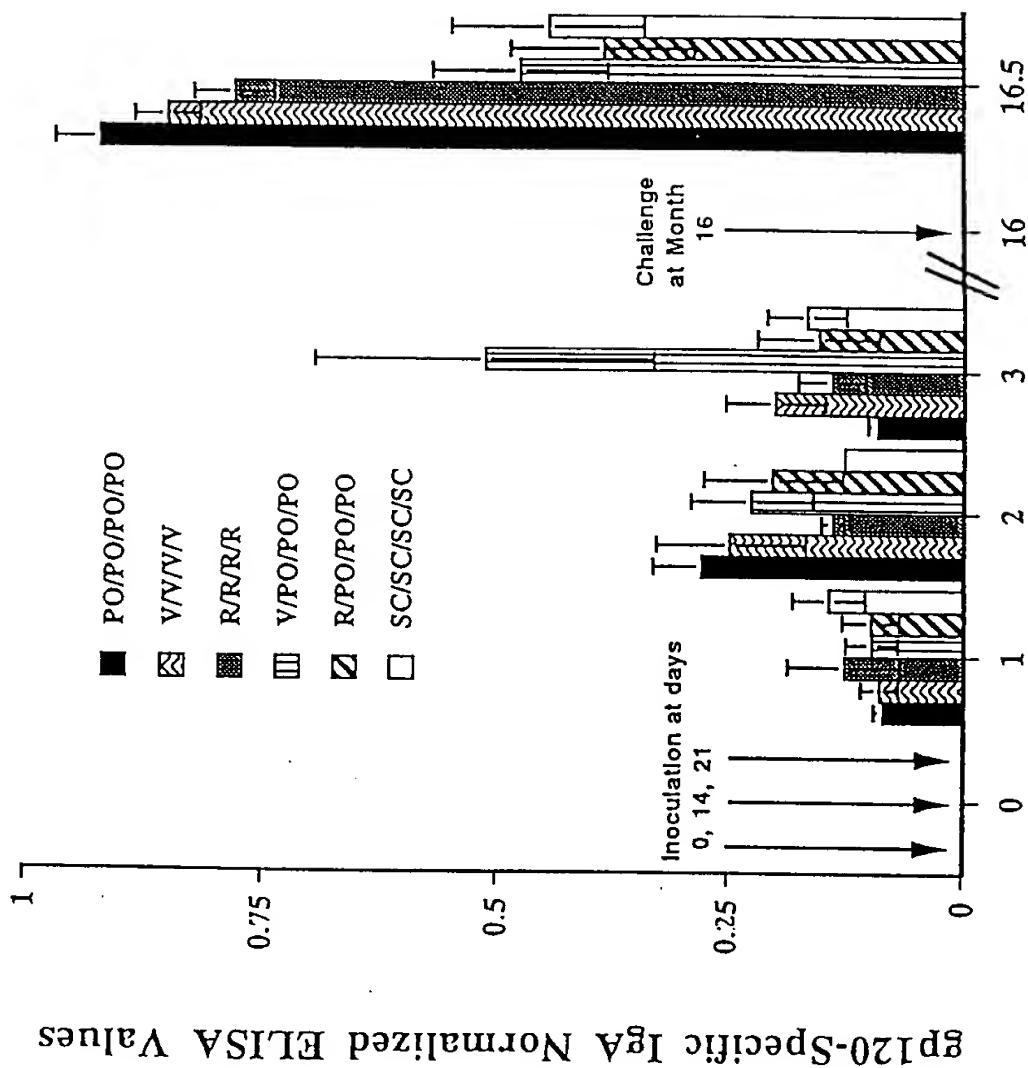


Figure 11.

09462682 "042800

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

PCT/US 98/14341
 RO/US 30 OCT 1998
 09/462682

12/14

Serum IgG Response to Subcutaneous Injection of ntPE-MN26

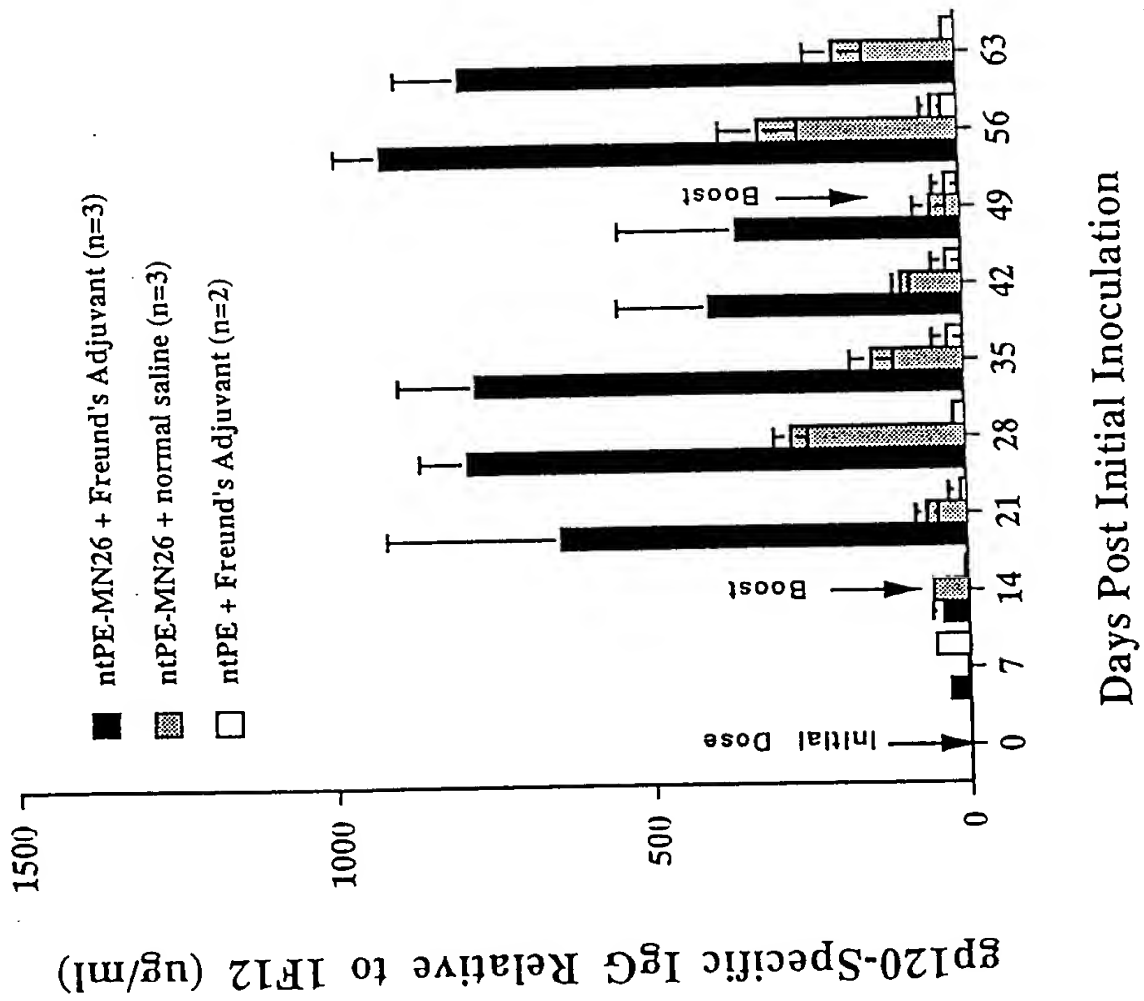


Figure 12.

09452592-042800

13/14

Serum IgG Response Induced by ntPE-MN26

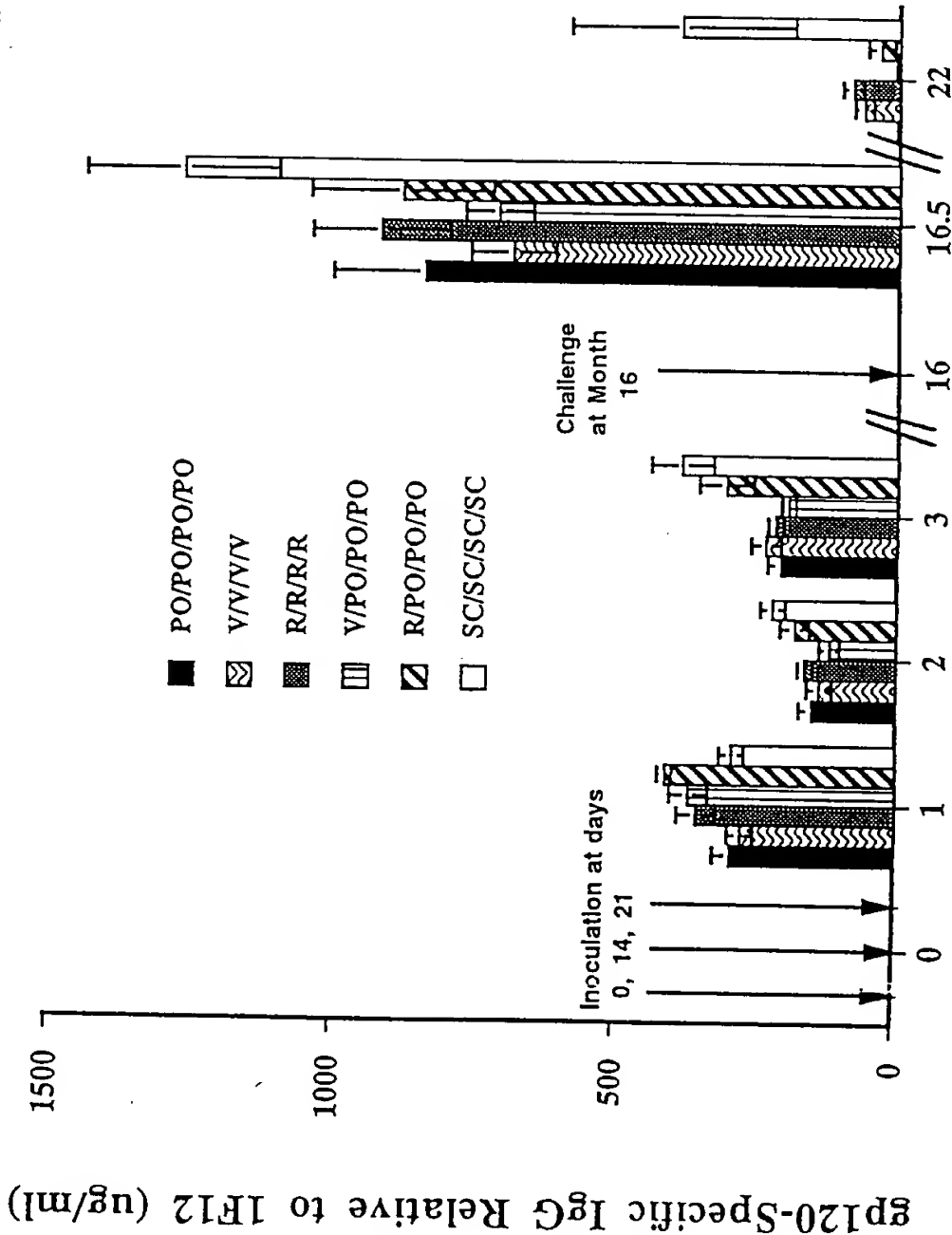


Figure 13.

09452532.042800

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

PCT/US 98 / 14341
 RO/US 30 OCT 1998
 09/462682

14/14

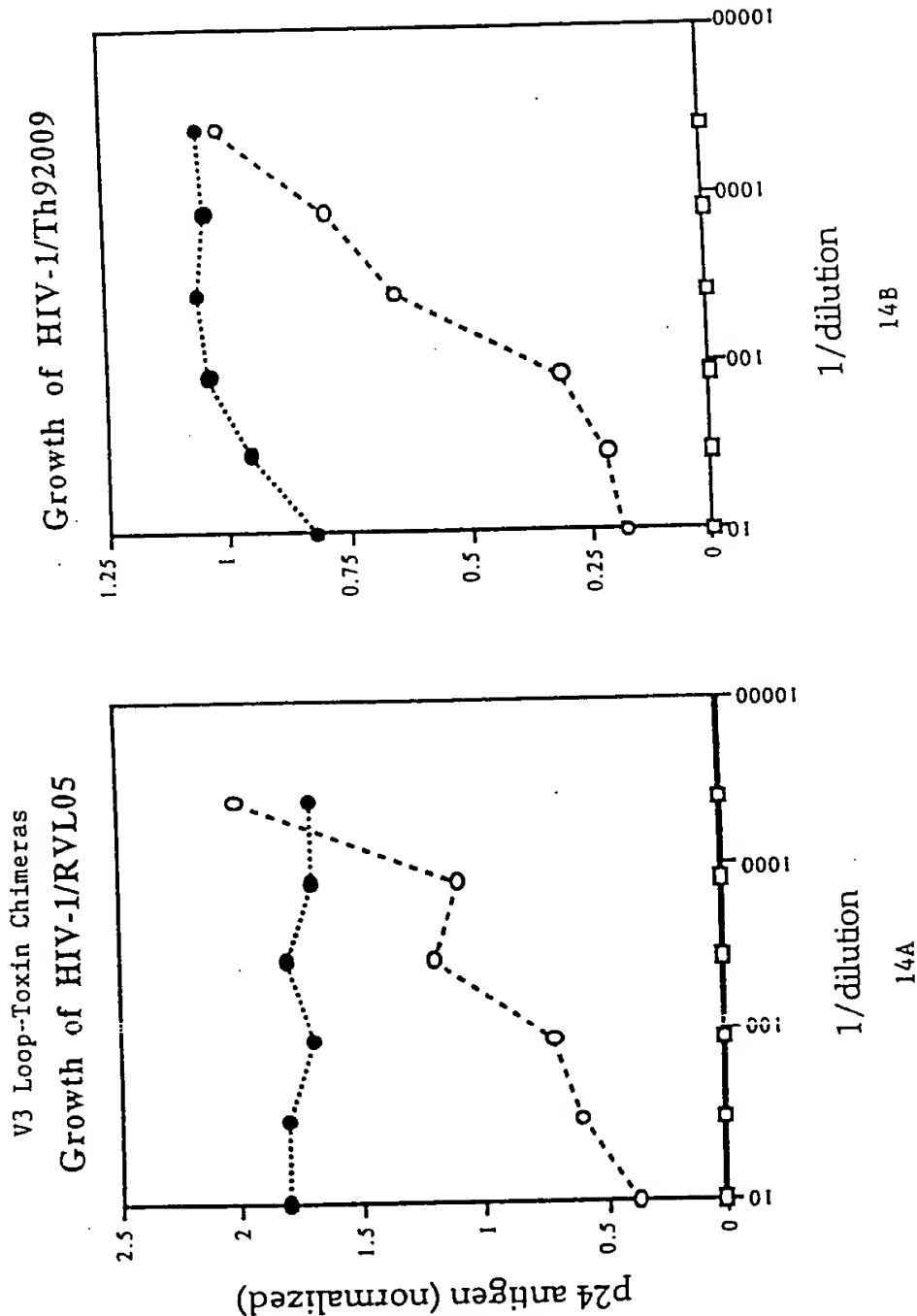


Figure 14.

09462682-042800